

Application Serial No. 10/751,579
Amendment dated August 11, 2008
Reply to Office Action mailed June 18, 2007
Docket: 2517DIV2CON (203-3449DIV2CON)

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The following listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-62 (canceled).

Claim 63 (Amended): An apparatus for applying a blood vessel clip comprising:

a grip assembly including a handle;

an applicator barrel attached to the grip assembly;

a magazine connected to the applicator barrel, the magazine having a plunger space and a magazine passage separated by a divider shim wherein a distal end of the magazine defines an exit aperture, the magazine passage adapted for storing at least one blood vessel clip therein, wherein the magazine includes a constricted region narrower than a head of the blood vessel clip, the constricted region spaced apart from the exit aperture and having a narrowest point narrower than the exit aperture; and

a plunger extending into the plunger space, the plunger operably connected to the grip assembly and adapted to move the at least one blood vessel clip distally through the constricted region and the exit aperture.

Claim 64 (Previously Presented): The apparatus of claim 63, wherein a distal end of the applicator barrel includes first and second pins extending distally therefrom and at least one pin is attached to the distal end of the applicator barrel.

Claim 65 (Previously Presented): The apparatus of claim 64, wherein at least one pin exists in a plane substantially parallel to a plane defined by the exit aperture.

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Claim 66 (Previously Presented): The apparatus as recited in claim 64, wherein the exit aperture defines a first plane, at least one of the first and second pins located in a plane other than the first plane.

Claim 67 (Previously Presented): The apparatus as recited in claim 65, wherein at least one of the first and second pins lies in a plane substantially perpendicular to the first plane.

Claim 68 (Previously Presented): The apparatus as recited in claim 64, wherein at least one of the first and second pins is fixed relative to the applicator barrel.

Claim 69 (Previously Presented): The apparatus as recited in claim 65, wherein the magazine passage is configured to contain a plurality of clips within the apparatus.

Claim 70 (Previously Presented): The apparatus as recited in claim 64, wherein the divider shim is configured to prevent clips from being moved through the exit aperture by the plunger.

Claim 71 (New): The apparatus of claim 63, wherein distal movement of the plunger moves the at least one blood vessel clip distally from the magazine and through the exit aperture.